This Fink Scholar Day marks the first since the passing of its namesake, Mitchell P. Fink, MD. Dr. Fink was an extraordinarily influential figure in the field of critical care medicine. Trained in surgery, he served as the founding chair of the Department of Critical Care Medicine at the University of Pittsburgh from 2000 to 2007. During that time he led an innovative translational research program and oversaw the Department’s transformation into an international center of cutting edge critical care education, research, and clinical care. Above all he was known for his intellect, his drive, and his warmth. The imprint he left on our Department endures not only through today’s celebration of departmental scholarship but also through the countless students, fellows and faculty affected by his mentorship and leadership.

Niranjan (Tex) Kissoon is an internationally recognized leader in the fields of pediatric critical care, sepsis, and global health. He has contributed to over 300 peer reviewed publications, authored over 70 book chapters, and he sits on the editorial boards of 10 journals. Dr. Kissoon was awarded a Distinguished Career Award by the American Academy of Pediatrics in 2013, and the prestigious Society of Critical Care Medicine’s (SCCM) Master of Critical Care Medicine award in 2015. His work in improving the ability to provide timely service to critically ill children in resource-limited areas includes a recent trial of a predictive model of the need for hospitalization in children under five in Bangladesh (PLoS One, 2015 Nov 18).
CRITICAL CARE MEDICINE

PROGRAM

Continental Breakfast 8:00 - 8:30

Introduction 8:30 - 8:35
Moderator: Lori Shutter, MD, Vice Chair of Education

State of the Department Address 8:35 - 9:00

What’s Changing, What’s New, What’s Different
Derek C. Angus, MD, Chair, Critical Care Medicine
Mitchell P. Fink Tribute

Critical Care and Collaborative Education 9:00 - 10:15

Innovations in Critical Care and Education
Melinda Hamilton, MD, Pediatrics — Pediatric Critical Care Training Program, Advanced Education Initiatives
Murat Kaynar, MD, Anesthesia — Anesthesia Critical Care Medicine Updates
Jason Moore, MD, Internal Medicine — Aligning CCM Leadership Pathways with Departmental Values
Lillian Emlet, MD, Emergency Medicine — Emergency Medicine Critical Care Medicine Updates
Lori Shutter, MD, Vice Chair of Education, Neurocritical Care — Training Neurointensivists
Matthew Rosengart, MD, Surgery — Trauma & Surgical Critical Care
Jeremy Kahn, MD, Research — Research Training in the Next Century

Coffee Break 10:15 - 10:30

Critical Care and Global Health 10:30 - 11:30

Innovations in Critical Care and Global Health
Ericka Fink, MD — PANGEA
Ricardo Muñoz, MD — Telemedicine in Pediatric Cardiac Critical Care: CHP experience
Marie Baldisseri, MD — Haiti Project
Juan Carlos Puyana, MD — Capacity Building and International Collaborations

Lunch 11:30 - 1:00

Sepsis, Your Advocacy is a Powerful Antidote
Plenary Speaker: Niranjan “Tex” Kissoon, MD, FRCP(C), FAAP, FCCM, FACPE
Professor in Critical Care - Global Child Health
Department of Pediatrics and Emergency Medicine
University of British Columbia & British Columbia Children’s Hospital

Abstract Presentations 1:00 - 2:30
Poster Moderators
Douglas White MD, Ericka Fink MD, Hernando Gomez MD, Hülya Bayır MD, John Kellum MD, Tex Kissoon MD, Scott Gunn MD, Lori Shutter MD

Oral Presentations and Abstract Awards 2:30 - 3:45
Timothy Baptist MD, Oluwaseun Davies MD, Daniel Kieflan MD, Jessica Wallisch MD

Closing Remarks 3:45 - 4:00
Plenary Speaker: Niranjan “Tex” Kissoon, MD, FRCP(C), FAAP, FCCM, FACPE

Hors D’oeuvres and Happy Hour 4:00 - 6:00
Located in College Room, First Floor

FINK SCHOLAR DAY COMMITTEE

Timothy Baptist, MD  Melinda Hamilton, MD
Hülya Bayır, MD  Christopher Horvat, MD
Joseph Carcillo, MD  Jeremy Kahn, MD
Jayaram Chelluri, MD  Jason Moore, MD
Ericka Fink, MD  Lori Shutter, MD
Hernando Gomez, MD

ORAL PRESENTATIONS AND ABSTRACT AWARDS

Baptist T, Brackney C
Can a Program-specific Smartphone Application be Useful to Fellows in a Critical Care Training Program?

Davies O, Baldisseri M
Outcomes of the Implementation of a Daily ICU Checklist during Rounds in a Resource-poor ICU Setting

Kieflan DR, Martin-Gill C, Kahn JM, Callaway CW, Yealy DM, Angus DC, Seymour CW
External Validation of a Prehospital Critical Illness Score: A Multi-center Cohort Study

Wallisch JS, Jha RM, Vagni V, Feldman K, Dixon CE, Farr G, Kochanek PM
Aquaporin-4 Antagonist AER-271 Trends to Lower ICP Without Altering Edema In Combined TBI and Hemorrhagic Shock in Mice
Impact of a Physician-targeted Pay-for-Performance Program on Use of Spontaneous Breathing Trials in Mechanically Ventilated Patients
Barbash IJ

Prospective Evaluation of the Pediatric Rothman Index as a Measure of Pediatric Inpatient Acuity
Horvat CM

Comparing How Intensivists and Palliative Care Physicians Discuss Patient Values and Preferences in Simulated Family Conferences
Scheunemann LP

Barriers and Facilitators to the Conduct of ICU Interdisciplinary Family Meetings: Findings from a Qualitative Exploration
Seaman JB

The Effect of Clinical Trial Results on the Use of Neuromuscular Blockade for Severe ARDS
Siedsma MP

Sentiment Mining of Letters of Recommendations (LOR) for Residency Applications: A Preliminary Work on Automated Categorization
Torbati ME

A Zebrafish Model of Acute Kidney Injury Associated with Systemic Infection Induced by Intravascular Bacteria Injection
Cui L

Genetic Variants in Hyperferritinemic Sepsis
Kernan K

AMPK Activation Rescues Energy Depletion during Sepsis-induced AKI and May Improve Outcome
Morrisroe S

Endogenous Changes in Melatonin Receptor Levels after Traumatic Brain Injury in Rats
Osier N

Sublingual Microvascular Flow Parameters can Predict Post-resuscitation Microvascular Response and May Predict Intestinal Regional Perfusion
Pauley M

Multi-parameter Flow Cytometric Analysis of PBMC-derived Monocyte Response to Danger Signals
Podd B

Improved Lifespan in Drosophila Surviving Sepsis through Reversal of the Warburg Effect
Reddy MA

Mortality and Acute Neurologic Events in the Cardiac Intensive Care Unit
Bell J

Prediction of Severe Acute Kidney Injury (AKI) by Novel Biomarkers in Patients with Sepsis
Fiorentino M

The Burden of New Health Conditions in Elderly Severe Sepsis Survivors
Mayr FB

Early Nutritional Support is Associated with Favorable Outcome in Pediatric Traumatic Brain Injury
Meinert E

Safety and Efficacy of Warfarin Reversal with Four-factor Prothrombin Complex Concentrate for Subtherapeutic INR in Intracerebral Hemorrhage
Rivosecchi RM

Renal Recovery at Hospital Discharge is Associated with 1-year Mortality in Patients with Sepsis-induced Acute Kidney Injury
Tohme F

Evaluation of an Automated Pupillometer during Routine Neurological Assessments in the Acute Care of the Severe Traumatic Brain Injury Patient
Anderson M

A Daily Checklist to Improve Communication between the Critical Care Team and Patients’ Families in the Trauma Intensive Care Unit
Baptist T

A WINning Technique: The Wire-in-needle Feasibility Study
Becker TK

Evaluation and Descriptive Analysis of Stroke Code Team
Chelluri J

A Quality Improvement Project to Ensure Appropriate Cleaning Practices of Ultrasound Machines after Clinical Use
Freyer A

Low Tidal Volume Ventilation Troubleshooting
Javed J

Phenobarbital Taper for Prophylaxis and Treatment of Alcohol Withdrawal
Paolini SL